

APPENDIX A

CURRICULUM VITAE

GARY MICHAEL VILKE, M.D., FACEP, FAAEM

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PERSONAL: Born September 12, 1966 in Cleveland, Ohio

EDUCATION:

Academic: 1983-88	B.S. in Zoology, University of California, Berkeley Berkeley, California
Medical School: 1988-92	M.D., University of California, San Diego School of Medicine La Jolla, California
Internship: 1992-93	Department of Surgery University of California, San Diego Medical Center San Diego, California
Residency: 1993-96	Department of Emergency Medicine University of California, San Diego Medical Center San Diego, California (Chief Resident: 1995-96)
Physician Leadership Academy: 2007-09	University of California, San Diego Medical Center San Diego, California

LICENSURE: California Medical License Number G-78057

BOARD CERTIFICATIONS:

National Board of Medical Examiners, 1993
American Board of Emergency Medicine, 1997, renewed 2007, 2017

APPOINTMENTS:

9/11 - Present	Professor of Clinical Emergency Medicine and Medicine, University of California, San Diego (UCSD) School of Medicine
1/18-Present	Medical Director, Chula Vista Fire Department
1/18-Present	Medical Director, UCSD Paramedic Base Hospital
1/16 – Present	Emergency Medicine Clinical Service Chief, UC San Diego Health System
1/16 – Present	Co-Medical Director, Department of Emergency Medicine, UCSD Medical Center
10/15 – Present	Medical Director, AirLinkUSA Air Ambulance Service
9/15- Present	Staff Physician, El Centro Regional Medical Center Department of Emergency Medicine
2/14- Present	Assistant Chief, Division of Emergency Medical Services (EMS)/Disaster Medicine, UCSD Medical Center, Department of Emergency Medicine
1/13 – Present	Medical Director, Carlsbad Fire Department
7/12 – Present	Medical Director, Risk Management, UC San Diego Health System
10/09 – Present	UCSD Department of Emergency Medicine Clinical Research Scholar Fellowship Director
2/06 - Present	Chief, Division of Clinical Research, UCSD Medical Center, Department of Emergency Medicine
7/94 - Present	Base Hospital Physician, University of California Medical Center

PREVIOUS EXPERIENCE/APPOINTMENTS:

6/12 – 7/17	Associate Director, Department of Emergency Medicine Behavioral Emergencies Research (DEMBER) Lab
4/07 – 12/16	Medical Director of the American Heart Association Training Center at the UCSD Center for Resuscitation Science
7/96 – 12/15	Assistant Director, Department of Emergency Medicine, UCSD Medical Center
7/13 – 9/15	Chief, Division of Custody Medicine, UCSD Medical Center, Department of Emergency Medicine
4/99 – 9/15	Director, Custody Services, UCSD Medical Center (Co-Director 1999-2013)
3/13 – 9/15	Medical Director, AviaMedix Air Ambulance Service
10/11- 2/14	Chief, Division of Emergency Medical Services (EMS)/Disaster Medicine, UCSD Medical Center, Department of Emergency Medicine
4/12 – 3/13	Medical Director, Aeromedevac Air Ambulance Service
7/09 – 6/12	Chief of Staff, UCSD Medical Center
7/07 - 6/09	Vice Chief of Staff UCSD Medical Center
7/04 – 6/09	EMS/Disaster Medicine Fellowship Director, Department of Emergency Medicine.
3/02 - 2/06	Medical Director, San Diego County Emergency Medical Services
3/03 - 12/05	Medical Consultant, San Diego Chapter Red Cross Disaster Health Services
6/04 - 2/05	Interim Chief, San Diego County Emergency Medical Services
1/01 - 2/04	Medical Director, Southwestern College Paramedic Training Program
7/00 - 2/04	Medical Director, Palomar College Paramedic Training Program
7/97 - 1/03	Director, Prehospital Services, UCSD Medical Center
6/97 - 1/03	Medical Director, Paramedic Base Hospital, UCSD Medical Center
7/96 - 1/03	Medical Director, Mercy Air Medical Transport Service, San Diego, California
4/99 - 3/01	Medical Co-Director, San Diego Central Jail Medical Services
1/96 - 7/96	Flight Physician, Mercy Air Medical Transport Service, San Diego, California
7/95 - 7/96	Associated Emergency Physicians Medical Group, San Diego, California
12/94 - 7/96	Kaiser Permanente Emergency Department, San Diego, California

PREVIOUS EXPERIENCE/APPOINTMENTS (cont.):

10/94 - 7/96	Med America Health Resource Company, San Diego, California
4/94 - 7/95	Sharp-Rees-Stealy Urgent Care, San Diego, California
7/93 - 12/95	Flight Physician, Life Flight Air Medical Transport Service

PREVIOUS ACADEMIC APPOINTMENTS

7/05 – 9/11	Professor of Clinical Medicine, UCSD School of Medicine
7/01 - 6/05	Associate Professor of Clinical Medicine, UCSD School of Medicine
7/96 - 6/01	Assistant Clinical Professor of Medicine, UCSD School of Medicine

HONORS AND AWARDS:

1990	Random House Medical Student Award
1996	American College of Emergency Physicians, California Chapter Challenge Bowl Winner
1996	Council of Residency Directors (CORD) Resident Academic Achievement Award
1996	Outstanding Emergency Medicine Resident
1996	UCSD Emergency Department Staff Support Award
1996	<i>Journal of Emergency Medicine</i> Outstanding Contribution Award
1999	“Golden Apple” Teaching Award, UCSD Emergency Medicine Residency Graduating Class of 1999
2000	Faculty of the Year, UCSD Emergency Medicine Residency Graduating Class of 2000
2000	Best Research Poster Presentation, California Chapter of the American College of Emergency Physicians (CAL/ACEP) Scientific Assembly, Dana Point, California
2000	Outstanding Scientific Abstract, State of California EMS Authority Annual Emergency Medical Services for Children Conference, San Diego, California, November 2000
2001	Best Oral Presentation, CAL/ACEP Scientific Assembly, Santa Clara, California
2004	Academy of Clinician Scholars, University of California San Diego
2004	Top Doctor in San Diego County, San Diego Magazine
2004	Top Peer Reviewer, <i>Annals of Emergency Medicine</i>
2005	Top Doctor in San Diego County, San Diego Magazine
2005	Clinical Investigation Institute, University of California San Diego
2006	Top Doctor in San Diego County, San Diego Magazine
2007	Finalist San Diego Business Journal Health Care Champion Award
2007	Top Doctor in San Diego County, San Diego Magazine
2007	Top Peer Reviewer, <i>Annals of Emergency Medicine</i>
2008	Top Doctor in San Diego County, San Diego Magazine
2008	UCSD Undergraduate Campus Outstanding Faculty Mentor of the Year
2009	Clinical and Translational Research Institute, Charter member
2009	Top Doctor in San Diego County, San Diego Magazine
2010	Top Doctor in San Diego County, San Diego Magazine
2011	Top Doctor in San Diego County, San Diego Magazine

HONORS AND AWARDS, continued:

2012 Top Doctor in San Diego County, San Diego Magazine
2013 Top Doctor in San Diego County, San Diego Magazine
2014 Top Doctor in San Diego County, San Diego Magazine
2015 "25 Emergency Medicine & EMS Professors You Should Know" From Medical Technology Schools at: <http://www.medicaltechnologyschools.com/emt/emergency-medicine-ems-professors-to-know>

CERTIFICATIONS:

Basic Cardiac Life Support Instructor
Pediatric Advanced Life Support Provider
Advanced Cardiac Life Support Instructor
Hazardous Material Training, Level I
Advanced HAZMAT Life Support Provider

PROFESSIONAL SOCIETY MEMBERSHIPS:

American Medical Association, 1988-97
California Alumni Association, 1988
American College of Emergency Physicians, 1991-2000
Fellow, American College of Emergency Physicians, 2000
California Chapter of the American College of Emergency Physicians, 1991
Society for Academic Emergency Medicine, 1995
National Association of EMS Physicians, 1998
Fellow, American Academy of Emergency Medicine, 2000
California Chapter of the American Academy of Emergency Medicine, 2000
American Association of University Professors, 2002
California Conference of the American Association of University Professors, 2002
San Diego Faculty Association, 2002
San Diego County Medical Society, 2003
California Medical Association, 2003
American Association of Emergency Psychiatry, 2014

PATENTS:

WO 2010/011976 A2: Medication Delivery Devices Having Penetrable Sterility Barriers and Alignment Features (January 28, 2010)

WO 2010/011976 A2: Medication Delivery Devices Having Penetrable Sterility Barriers and Alignment Features (January 28, 2010)

US 2010/011966 A2: Medication Delivery System (January 28, 2010)

US 2010/0022987 A1: Medication Delivery System (January 28, 2010)

US 61476836 Medication Delivery Apparatus (April 19, 2011)

CURRENT ACTIVITIES:

Objective Structured Clinical Examiner, Introduction to Clinical Medicine, UCSD School of Medicine, 1997

UCSD Alumni Preceptor, UCSD School of Medicine, 1997

Physician Member, San Diego County Metropolitan Medical Strike Team, 1998

Quality Assurance Reviewer, Department of Emergency Medicine, UCSD Medical Center, 1999

Evaluator, UCSD Physician Assessment and Clinical Evaluation (PACE) Program, 2000

Tactical EMS Care Provider for San Diego Shisiff's Special Enforcement Detail (SED), 2007

San Diego State Pre-Med Preceptor, SDSU, 2008

Phi Delta Epsilon Faculty Mentor, UCSD, 2008

LIFESHARING, A Donate Life Organization Advisory Board, 2010

Journals

Editor-in-Chief, *Advances in Legal Medicine*, Longdom Publishing, 2014-2015.

Senior Associate Editor/Editorial Board, *Journal of Emergency Medicine*, Elsevier Science, Inc., 2013 (Associate Editor since 2007, Editorial board since 2000; reviewer since 1994)

Editorial Board, *Prehospital Emergency Care*, Taylor & Francis Group, 2006 (Reviewer since 2004)

Editorial Board, *Journal of Forensic and Legal Medicine*, Elsevier Science, Inc. 2012 (Reviewer since 2011)

Editorial Board, *Emergency Medicine and Healthcare*, Herbert Publications, 2013

Senior Reviewer, *Annals of Emergency Medicine*, Mosby, 2007 (Reviewer since 1998)

Reviewer, *European Journal of Epidemiology*, Kluwer Academic Publishers, 1996-97

Reviewer, *Western Journal of Emergency Medicine*, 2001

Reviewer, *American Journal of Emergency Medicine*, Elsevier Science, Inc., 2005

Reviewer, *Emergency Medicine Journal*, BMA House, 2006

Reviewer, *Forensic Science International*, 2007

Reviewer, *California Journal of Emergency Medicine*, 2007

Reviewer, *Journal of the American Medical Association (JAMA)*, 2009

Reviewer, *BioMedical Engineering OnLine*, 2009

Reviewer, *Bioelectromagnetics*, 2010

Reviewer, *Forensic Science, Medicine and Pathology*, 2010

Reviewer, *Psychology Research and Behavior Management*, 2010

Reviewer, *Academic Emergency Medicine*, 2010

Reviewer, *Medicina*, 2012

Reviewer, *Injury Prevention*, 2013

Reviewer, *Therapeutics and Clinical Risk Management*, 2013

Reviewer, *Pediatrics*, 2013

Reviewer, *Journal of Forensic Toxicology and Pharmacology*, 2014

Reviewer, *Journal of Injury and Violence Research*, 2014

Reviewer, *International Journal of Molecular Sciences*, 2015

Reviewer, *Emergency Medicine International*, 2015

Reviewer, *Policing: A Journal of Policy and Practice*, 2016

Reviewer, *International Journal of Law and Psychiatry*, 2017

Content Expert

Reviewer, Practical Summaries in Acute Care, Thomson American Health Consultants, 2006

Expert Editorial Advisor, *Managing the Ankylosing Spondylitis Patient in an Emergency Setting for the Spondylitis Association of America (SAA)*. 2008

Content Expert for Cable News Network (CNN), 2009

Content Expert for ABC News, 2011

PREVIOUS ACTIVITIES:

Vice-President, California Chapter of Emergency Medicine Residents Association, 1994-95

Editor-in-Chief, California Chapter of Emergency Medicine Residents Association Newsletter, 1994-95

Co-Director, School of Medicine 225: Introduction to Emergency Medicine, UCSD School of Medicine, 1994-95

Strike Team Leader, DMAT Olympics 1996 Biological & Chemical Antiterrorist Medical Support

Director, Mercy Air Medical Transport Services Continuing Clinical Education, 1996-2003

Member, San Diego County 911 Dispatch Quality Review Board, 1997-98

Co-Director, University of California, San Diego School of Medicine, Course SOM 224I, 1997-2002

Pediatric Advanced Life Support Course Director, 1997-2002

Editor-in-Chief, UCSD Medical Center EMS Run Review, 1997-2003

Sponsor, Palomar College Emergency Medical Education Department Paramedic Training, 1997-2003

Medical Support Physician, Super Bowl XXXII, San Diego, California, January 25, 1998

Medical Support Physician, Suzuki Rock-n-Roll Marathon, San Diego, California, June 21, 1998

Marketing Director, California Chapter of the American College of Emergency Physicians (CAL/ACEP) Scientific Assembly, 1998-99

Member, Program Committee, CAL/ACEP Scientific Assembly, 1998-99

Howard Hughes Foundation Undergraduate Preceptor, 1998, 1999

Co-editor, Pearls from PAC Newsletter, 1998-2000

Preceptor, Introduction to Clinical Medicine 201-B, UCSD School of Medicine, 1999

EMS Team Leader, San Diego County Metropolitan Medical Strike Team, 1999

Co-Chair, Program Committee, CAL/ACEP Scientific Assembly, 1999-2000 and 2000-01

Member, San Diego County Bio-Terrorism Planning Group, 1999-2003

Moderator, EMS Poster Section, Western Regional Society for Academic Emergency Medicine Conference, Portland, Oregon, April 2000

Preceptor, California State University Dominguez Hills Statewide Nursing Program, 2000

Affiliate Faculty, Southwestern College Paramedic Training Program, 2000-03

PREVIOUS ACTIVITIES, continued:

Medical Director, EPIC "Eliminate Preventable Injuries of Children" Medics, San Diego County, 2000-03

San Diego Port District AED (Automated External Defibrillator) Program RPF Panel, 2001

Peer Reviewer, *Pediatric Emergency Medicine Reports*, 2001

Reviewer, Scientific Abstract Presentations, CAL/ACEP Scientific Assembly, 2001-02

Member, Board of Directors, CAL/ACEP, 2001-03

Moderator, Western Regional SAEM Research Presentations, San Diego, California, April 2002

Clinical Coordinator, Southwestern College Emergency Medical Technician Program, 2001-03

Santa Clara County/Regional Medical Center Trauma Designation Review Committee, 2004

San Diego County Health Services Capacity Issues Task Force, 2002-06

San Diego Regional Safety Consortium Inter-facility Transfer Protocol Task Force, 2004-06

San Diego Regional Fire Prevention Emergency Preparedness Task Force, 2004-2006

San Diego County Task Force on Fire Prevention, 2004-06

President-Elect, EMS Medical Director's Association of California, 2005-06

Medical Director, San Diego County Metropolitan Medical Strike Team, 1998-2008

American College of Emergency Physicians (ACEP) Task Force on Excited Delirium Syndrome
2009-10

National Institute of Justice Task Force on Excited Delirium, 2011

Member, Disaster Medical Assistance Team (CA-4), 1994-2011

Operations Committee, San Diego County Metropolitan Medical Strike Team, 1998-2010

CURRENT UCSD COMMITTEE MEMBERSHIPS:

Research Committee, Department of Emergency Medicine, 1997

UCSD Faculty Association, 2002

Quality Improvement/Peer Review Committee, Department of Emergency Medicine, 2002

UCSD Academy of Clinician Scholars Executive Committee, 2005

UCSD Medical Staff Executive Committee, 2007

Chair, UCSD Medical Risk Management Committee, 2012

Chair, UCSD Allocation Committee, 2012

UCSD Significant Events Committee, 2012

Rady Children's Root Cause Analysis Committee, Ad hoc, 2012

Co-Chair, UCSD/Rady Children's Joint Risk Management Committee (JRMC), 2013

UCSD Patient Experience Executive Committee, 2013

UCSD Faculty Leadership Group, 2014

Patient Advocacy Reporting System (PARS) Oversight Team, 2014

Rady Children's Emergency Department Faculty Search Committee, 2015

UCSD Department of Emergency Medicine Clinical Operations Committee, 2016

UCSD Department of Emergency Medicine Executive Committee, 2016

UCSD Department of Emergency Medicine Management Committee, 2016

UCSD Department of Emergency Medicine/Psychiatric Committee, 2016

UCSD Hillcrest Emergency Department Patient Flow Task Force, 2016

UCSD Health System Grievance Committee, 2016

UCSD Threat Assessment Management Committee, 2016

PREVIOUS UCSD COMMITTEE MEMBERSHIPS:

UCSD Department of Emergency Medicine Academic Affairs Committee, 2013-15
President, UCSD Academy of Clinician Scholars, 2013-15
UCSD Board of Governor's Committee, 2013-15
UCSD Academic Senate Representative Assembly, Alternate, 2011-13
UCSD Sheriff Managed Care Oversight Committee
Ladder Rank Recruitment Committee, UCSD Department of Emergency Medicine, 2013
UCSD Medical Staff Bylaws Work Group, 2014
Chair, Emergency Department Staffing Committee of Process Action Team, 1994-95
Hospital Infection Control Committee, 1994-95
Emergency Medicine Housestaff Association Representative, 1994-96
Emergency Department Clinical Practices Committee, 1994-96
Emergency Department Peer Review/Quality Assurance Committee, 1995-96
Emergency Department Critical Care Room Process Action Team, 1996
Paramedic/Emergency Department Interface Task Force, 1998-99
Emergency Department Staffing Committee, Department of Emergency Medicine, 1999
Credentials Committee, 1997-2000
Faculty Search Committee, Department of Emergency Medicine, 1999, 2000, 2002
Medical Director's Group, 1997-2002
Patient Care Review Committee, 2003
Medical Risk Management Committee, 2002-07
Patient Improvement and Outcome Committee, 2003-05
Medical Staff Executive Committee Reorganization Ad Hoc Committee, 2005-2006
UCSD Phasing Strategy Ad Hoc Committee, 2005-06
Clinical Representative, Trauma Quality Assurance Program, 1998-2006
Vice Chief of Staff, UCSD Medical Center, 2007-2009
UCSD/San Diego Sheriff Security Working Group, 2003-10
Chief of Staff, UCSD Medical Center, 2009-2012
Vice-Chair, Quality Council Committee, 2009-2012 (member since 2003)
Chair, Medical Staff Executive Committee, 2009-2012
UCSD Governance Advisory Committee, 2009-2012

PREVIOUS UCSD COMMITTEE MEMBERSHIPS, continued:

UCSD Department of Medicine Clinical Operations Redesign Enterprise (CORE) Initiative Team, 2009-2012

Director of Risk Management Selection Committee, 2007

Chair, Medical Risk Management Committee, 2003-07 (member since 2002)

Medical Risk Management Executive Committee, 2003-07

UCSD Medical Center Allocation Committee 2005-07

Patient Safety Committee, 2003-07

Vice Chair, Medical Staff Executive Committee, 2007-09

Chair, Patient Care and Peer Review Committee, 2007-09 (member since 2005)

Trauma Multidisciplinary Committee, 2000-09

Department of Medicine Committee on Advancement and Promotions (DOMCAP), 2007-09

Vice Chair, Quality Council Committee, 2009-2012

UCSD Medical Center Syncope Task Force, 2010-11

UCSD Director of Risk Management Selection Committee, 2012

Secretary-Treasurer, UCSD Academy of Clinician Scholars, 2005-12

UCSD Root Cause Analysis Committee, 2013

UCSD Department of Emergency Medicine Chair Selection Committee, 2012-13

UCSD Department of Emergency Medicine Faculty Coverage Committee, 2012-13

UCSD Integrated Delivery Network Design Team, 2012-13

UCSD Department of Emergency Medicine Patient Satisfaction Committee, 2012-13

UCSD Department of Emergency Medicine Faculty Search Committee, 2013

CURRENT COMMITTEE MEMBERSHIPS:

American Academy of Emergency Physicians, Clinical Practice Committee, 2011

Carlsbad Fire Department EMS Oversight Committee, 2013

San Diego County Base Station Physicians' Committee, 2013

PREVIOUS COMMITTEE MEMBERSHIPS:

Practice Management Committee, CAL/ACEP, 1994-95
Committee on Prehospital Stroke Triage, San Diego County Medical Society, 1998
Research Subcommittee, San Diego County Prehospital Audit Committee, 1997-99
Prehospital RSI Task Force, San Diego County Prehospital Audit Committee, 1997-99
Chair, San Diego County Prehospital Audit Committee, 1998-2000
San Diego County Pediatric CPR Task Force, 1999-2000
San Diego Sheriff's Source Selection Committee, 2000
Steering Committee, San Diego County Metropolitan Medical Strike Team, 1998-2001
Program Committee, CAL/ACEP Scientific Assembly, 1998-2001 (Co-Chair for 1999-2001)
Awards Committee, CAL/ACEP Scientific Assembly, 1999-2001
EMS Committee, San Diego County Metropolitan Medical Strike Team, 1999-2001
San Diego Metropolitan Medical Response System Bio-Terrorism Planning Group, 1999-2001
San Diego County EMS QA Net Prehospital Design Steering Committee, 2000-01
Chair, CPR Subcommittee, San Diego County Prehospital Audit Committee, 1998-2002
San Diego County SIPs (Serial Inebriate Program) Task Force, 2000-02
Task Force Leader, CAL/ACEP Scientific Assembly, 2001-02
Chair, Training Committee, San Diego County Metropolitan Medical Strike Team, 2001-02
Co-Chair, EMS Committee, CAL/ACEP, 2001-02
Policy Committee, CAL/ACEP, 2001-02
Chair, Research Subcommittee, San Diego County Prehospital Audit Committee, 2000-02
Governmental Affairs Committee, CAL/ACEP, 2001-02
Didactic Subcommittee, SAEM Program Committee, 2001-02
Program Mgmt Committee, San Diego County Metropolitan Medical Strike Team, 2001-03
Air Medical Transport Section, American College of Emergency Physicians, 2001-03
San Diego County Sheriff's Mortality Review Committee, 2001-03
San Diego County Sheriff's Pharmacy and Therapeutics Committee, 2001-03
City of San Diego EMS Physicians' Advisory Committee, 1998-2006
City of San Diego Prehospital Cardiac Advisory Committee, 1998-2006
Education Committee, CAL/ACEP, 2000-03
SAEM EMS Interest Group, 2001-2006 (Co-chair 2003-04)

PREVIOUS COMMITTEE MEMBERSHIPS, continued:

San Diego County EMS for Children (EMSC) Advisory Committee, 2002-05
Scientific Subcommittee, SAEM Program Committee, 2002-05
Police Executive Research Forum Task Force on Conductive Energy Weapons Use, 2005
San Diego County EMS for Children (EMSC) Advisory Committee, 2002-05
Scientific Subcommittee, SAEM Program Committee, 2002-05
Member-at-large, EMDAC Officer Board, 2004-05
San Diego County Fire Chief's Association, 2004-06
San Diego County Sheriff's Helicopter Program Ad Hoc Advisory Committee, 2004-06
Chair, San Diego County HRSA Work Group, 2004-06
San Diego County Regional Helicopter Advisory Committee, 2004-06
San Diego County HRSA Executive Steering Committee, 2004-06
San Diego County Critical Care Transport Working Group, 2005-06
San Diego County Prehospital Patient Record IT Steering Committee, 2005-06
San Diego County Cardiac Advisory Committee, 2005-06
San Diego County Stroke Advisory Committee, 2005-06
San Diego County Emergency Medical Care Committee, 2006
Co-Chair, San Diego County Medical Society EMS Medical Oversight Committee, 2002-2006
Chair, EMS Committee, American Academy of Emergency Medicine California Chapter, 2000-06
EMS Medical Director's Association of California, 2002-06
San Diego County Trauma Administrators Committee, 2002-06
Chair, San Diego County EMS Research Committee, 2002-06
Chair, San Diego County Paramedic Protocol Revision Committee, 2002-06
San Diego County Public Health Services Physicians Group, 2003-06
SAEM EMS Interest Group, 2001-2006 (Co-chair 2003-04)
San Diego County Healthcare Advisory Committee on Terrorism, 2003-06
San Diego County Paramedic Training Joint Advisory Committee, 2000-06
San Diego County Public Health Preparedness Team, 2001-06
EMS Section, American College of Emergency Physicians, 2001-06
Chair, San Diego County Aeromedical Protocol Committee, 1998-2006
San Diego County Committee on Pediatric Emergency Medicine, 1998-2006

PREVIOUS COMMITTEE MEMBERSHIPS, continued:

San Diego County Base Hospital Physicians Committee, 1997-2006

San Diego County Trauma Audit Committee, 1997-2006
San Diego County Prehospital Audit Committee, 1997-2006
EMS Medical Director's Association of California, 2002-06
SAEM Program Committee, 2001-2007
Chair, Photography Subcommittee, SAEM Program Committee, 2002-2007
Training Committee, San Diego County Metropolitan Medical Strike Team, 2001-09
San Diego BEACON/EMS Hub Technical Committee, 2012-13
San Diego Central Jail Quality Assurance Committee, 1999-2013
San Diego Central Jail Medical Oversight Committee, 1999-2013
Resuscitative Outcomes Consortium (ROC) Executive Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) EMS Operations Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) Management Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) Hospital Practices Cardiac Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) Publications Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) Cardiac Committee, 2014-15
Resuscitative Outcomes Consortium (ROC) Trauma Committee, 2014-15

CURRENT FUNDED RESEARCH:

1. Co-Investigator with Edward Castillo (PI) for study entitled, “Acute Home Care as an Alternative to Inpatient Admission from the Emergency Department”. Funded by the Gary and Mary West Health Institute, 2015 – 2016. Amount: \$499,125.
2. Co-Investigator with Theodore Chan (PI) for study entitled, “The Gary and Mary West Geriatric Center of Excellence (West COE): Phase 1 Research Development”. Funded by the Gary and Mary West Health Institute, 2015-2016. Amount: \$243,610.

PREVIOUS FUNDED RESEARCH:

1. Co-Investigator with Tom Neuman (PI) for evaluation of positional asphyxia in the hobble restraint position, funded by the County of San Diego, 1995--\$33,900
2. Co-Investigator, with Theodore Chan (PI), for evaluation of the Melker percutaneous cricothyrotomy kit in human cadavers, funded by Cook Medical Products, 1997--\$10,000
3. Co-Investigator with John Eisele (PI) for the evaluation of positional asphyxia in the hobble restraint position with weight on subjects' backs, funded by the American Academy of Forensic Sciences, 1998--\$2,500
4. Co-Investigator, with Theodore Chan (PI), for study entitled, "The Impact of Oleoresin Capsicum Spray on Respiratory Function in Human Subjects in the Sitting and Prone Maximal Restraint Positions." Study funded by the National Institute of Justice, U.S. Department of Justice, 1998-99. UCSD No. 98-7107; USDOJ Federal Award #98-IJ-CX-0079. Amount: \$128,176
5. Principle Investigator (PI) for study entitled "Evaluation of Hurricaine anesthetic in patients with dyspepsia" funded by Beutlich Pharmaceuticals for, 2001. Amount: \$1,500
6. Co-Investigator, with Theodore Chan (PI), for evaluation of the Melker percutaneous cricothyrotomy kit in human cadavers, funded by Cook Medical Products, 2003. Amount: \$12,000
7. Co-Investigator, with David Hoyt (PI) for the Resuscitation Outcomes Consortium: UCSD / San Diego Resuscitation Research Center, funded by the NIH, 9/1/04 to 6/30/09. UO1 HL077908. Amount: \$2,250,522
8. Co-Principal Investigator (Co-PI), with Theodore Chan, for study entitled, "The effect of Taser on Cardiac, Respiratory and Metabolic Physiology in Human Subjects." Study funded by the National Institute of Justice, U.S. Department of Justice, 10/1/2005 to 9/30/2007. UCSD No. 2006-0846; USDOJ Federal Award #98-IJ-CX-0079. Amount: \$213,941.4
9. Co-Investigator, with Daniel Davis (PI) for the study entitled, "ROC Interventional Trials: Hypertonic Resuscitation for Traumatic Injury, Trauma Epistry, PRIMED", funded by the NIH, 7/1/06 to 6/30/08. UO1 HL077863. Amount: \$331,320
10. Co-Investigator, with Daniel Davis (PI) for the, "ROC Cardiac Epistry", funded by the AHA, 7/1/06 to 6/30/08. Amount: \$133,427
11. Co-Investigator, with Theodore Chan (PI) for study entitled, "Multi-Center Study of the Impact of Nurse-Patient Ratios on Emergency Department Overcrowding." funded by the Emergency Medicine Foundation, 7/1/07 to 6/30/08. Amount: \$50,000
12. Principal Investigator (PI) for study entitled, "Evaluation of the Ventilatory and Respiratory Effects of a Restraint Chair on Human Subjects." Funded by the Institute for the Prevention of In-Custody Deaths, Inc, 1/1/07 to 12/31/07. Amount: \$11,658

PREVIOUS FUNDED RESEARCH (cont):

13. Co-Investigator, with Edward Castillo (PI) for study entitled, "California ED Diversion Project Evaluation." funded by the California Healthcare Foundation, 5/15/08 to 10/15/08. Amount: \$50,990
14. Principal Investigator (PI) for study entitled, "Ventilatory Effects of Prone Restraint on Obese Human Subjects." Funded by the Institute for the Prevention of In-Custody Deaths, Inc, 1/1/09 to 12/31/09. Amount: \$13,423
15. Principal Investigator (PI) for study entitled, "FAST TRAC: Finding ACS with Serial Troponin Testing for Rapid Assessment." Funded by the Nanosphere, Inc. 2/1/09 to 2/1/11. Amount: \$85,000
16. Principal Investigator (PI) for study entitled, "CHOPIN: Copentin Helps in the Early Detection of Patients with Acute Myocardial Infarction." Funded by Brahms AG, 8/1/09 to 8/1/12. Amount: \$103,950
17. Co-Investigator, with Christine Hall for the study titled, "RESTRAINT - Risk of dEath in Subjects That Resisted: Assessment of Incidence and Nature of faTal events", funded by the Vancouver Island Health Authority. 7/1/09 to 6/30/11. Amount \$50,000
18. Co-Investigator for study titled "STAT MERCURY: Studying the Treatment of Acute HyperTension: A Multicenter EmErgency Department Clevidipine Utilization RestrY" funded by the Medicines Company, 7/27/10 to 11/1/11. Amount \$1400
19. Co-Investigator for study titled "A Phase II, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Efficacy of MN-221 when Administered Intravenously as an Adjunct to Standard Therapy to Adults with an Acute Exacerbation of Asthma." Study funded by MediciNova, Inc. 1/1/11 to 1/31/12. Amount \$50,000
20. Principle Investigator for study titled "AKINESIS: Acute Kidney Injury N-gal Evaluation of Symptomatic heart failure." Study funded by Alere and Abbott, 4/1/11 to 6/30/12. Amount \$32,000
21. Principle Investigator for study titled "Evaluation of Ecallantide (DX-88) for the Acute Treatment of Angiotensin Converting Enzyme Inhibitor Induced Angioedema, a Phase II, double-blind study. Study funded by Dyax Corporation. 4/1/11 to 6/30/12. Amount \$20,000
22. Principle Investigator for study titled "REAL: Rapid Evaluation of Acute Kidney Injury with NGAL in Acutely Ill Patients in the ICU." Study funded by Alere, 5/1/11 to 6/30/12. Amount \$74,435
23. Principle Investigator for study titled "A Multi-Center, Open-Label, Surveillance Trial to Evaluate the Safety and Efficacy of a Shortened Infusion Time of Intravenous Ibuprofen Protocol CPI-CL-015." Study funded by Cumberland Pharmaceuticals, Inc., 6/1/11 to 6/30/12. Amount \$50,000